

Yongcheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,983
citations

361045

20
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

7506
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Mesoporous Co ₃ O ₄ Nanowires as Efficient Water Oxidation Electrocatalysts and Supercapacitor Electrodes. <i>Advanced Energy Materials</i> , 2014, 4, 1400696.	10.2	852
2	Carbon Nanodots Featuring Efficient FRET for Real-Time Monitoring of Drug Delivery and Two-Photon Imaging. <i>Advanced Materials</i> , 2013, 25, 6569-6574.	11.1	494
3	WO ₃ Nanoflakes for Enhanced Photoelectrochemical Conversion. <i>ACS Nano</i> , 2014, 8, 11770-11777.	7.3	395
4	Nanoparticle Superlattices as Efficient Bifunctional Electrocatalysts for Water Splitting. <i>Journal of the American Chemical Society</i> , 2015, 137, 14305-14312.	6.6	377
5	Co-Ni-Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts. <i>Advanced Energy Materials</i> , 2016, 6, 1501661.	10.2	232
6	Photoelectrochemical Detection of Glutathione by IrO ₂ -Hemin-TiO ₂ Nanowire Arrays. <i>Nano Letters</i> , 2013, 13, 5350-5354.	4.5	214
7	Branched Co ₃ O ₄ /Fe ₂ O ₃ nanowires as high capacity lithium-ion battery anodes. <i>Nano Research</i> , 2013, 6, 167-173.	5.8	169
8	Incorporation of well-dispersed sub-5-nm graphitic pencil nanodots into ordered mesoporous frameworks. <i>Nature Chemistry</i> , 2016, 8, 171-178.	6.6	153
9	Simultaneous Etching and Doping of TiO ₂ Nanowire Arrays for Enhanced Photoelectrochemical Performance. <i>ACS Nano</i> , 2013, 7, 9375-9383.	7.3	152
10	Sensitive enzymatic glucose detection by TiO ₂ nanowire photoelectrochemical biosensors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6153-6157.	5.2	139
11	Myriophyllum-like hierarchical TiN@Ni ₃ N nanowire arrays for bifunctional water splitting catalysts. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5713-5718.	5.2	134
12	Solar-Driven Photoelectrochemical Probing of Nanodot/Nanowire/Cell Interface. <i>Nano Letters</i> , 2014, 14, 2702-2708.	4.5	132
13	Surface Plasmon Resonance Enhanced Real-Time Photoelectrochemical Protein Sensing by Gold Nanoparticle-Decorated TiO ₂ Nanowires. <i>Analytical Chemistry</i> , 2014, 86, 6633-6639.	3.2	92
14	Bio-Inspired Leaf-Mimicking Nanosheet/Nanotube Heterostructure as a Highly Efficient Oxygen Evolution Catalyst. <i>Advanced Science</i> , 2015, 2, 1500003.	5.6	90
15	Fully Solar-Powered Photoelectrochemical Conversion for Simultaneous Energy Storage and Chemical Sensing. <i>Nano Letters</i> , 2014, 14, 3668-3673.	4.5	64
16	Oriented Mesoporous Nanopyramids as Versatile Plasmon-Enhanced Interfaces. <i>Journal of the American Chemical Society</i> , 2014, 136, 6822-6825.	6.6	62
17	Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8425-8429.	7.2	45
18	Solar-Driven Photoelectrochemical Biosensing Using TiO ₂ Nanowires. <i>Chemistry - A European Journal</i> , 2015, 21, 11288-11299.	1.7	42

#	ARTICLE	IF	CITATIONS
19	Bio-inspired porous antenna-like nanocube/nanowire heterostructure as ultra-sensitive cellular interfaces. <i>NPG Asia Materials</i> , 2014, 6, e117-e117.	3.8	33
20	Electrocatalysts: Co-Ni-Based Nanotubes/Nanosheets as Efficient Water Splitting Electrocatalysts (<i>Adv. Energy Mater.</i> 3/2016). <i>Advanced Energy Materials</i> , 2016, 6, .	10.2	29
21	CoNiO ₂ /TiN-TiO _x Ny composites for ultrahigh electrochemical energy storage and simultaneous glucose sensing. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10904.	5.2	19
22	Reversible Chemical Tuning of Charge Carriers for Enhanced Photoelectrochemical Conversion and Probing of Living Cells. <i>Small</i> , 2014, 10, 4967-4974.	5.2	18
23	Transition metal oxide hierarchical nanotubes for energy applications. <i>Nanotechnology</i> , 2016, 27, 02LT01.	1.3	13
24	Artificial metabolism-inspired photoelectrochemical probing of biomolecules and cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15752-15757.	5.2	11
25	Åktitelbild: Growth of Single-Layered Two-Dimensional Mesoporous Polymer/Carbon Films by Self-Assembly of Monomicelles at the Interfaces of Various Substrates (<i>Angew. Chem.</i> 29/2015). <i>Angewandte Chemie</i> , 2015, 127, 8686-8686.	1.6	0